

*****This is only a preview of the exam questions. To take the actual exam, please go back to the official bulletin, and click the exam link at the bottom.*****

Fire Captain & Fire Captain (Paramedic)

Department of Forestry and Fire Protection

Training and Experience Examination

The California civil service selection system is merit-based and eligibility for appointment is established through a formal examination process. The Department of Forestry and Fire Protection (CAL FIRE) Fire Captain and Fire Captain (Paramedic) examination consists of a Training and Experience Examination used to evaluate your education, training, and experience.

This Training and Experience Examination is a scored component accounting for 100% of your rating in this examination. It is important to complete the examination carefully and accurately. Your responses are subject to verification before appointment to a position.

Section 1: Core Tasks

Instructions:

Using the rating scale(s) provided below, you will rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

In responding to each statement, you may refer to your FORMAL EDUCATION, FORMAL TRAINING COURSES, and/or WORK EXPERIENCE whether paid or volunteer.

ITEM #	<p>Years of experience:</p> <ul style="list-style-type: none">▪ More than 5 years▪ More than 3 years and up to 5 years▪ More than 2 years and up to 3 years▪ More than 1 year and up to 2 years▪ 0 to 1 year <p>Knowledge related to performing this action:</p> <ul style="list-style-type: none">▪ Extensive knowledge—I possess an expert knowledge level to the extent that I could effectively perform this task in the most difficult and complex situations, and I could instruct others on specific aspects of this task.▪ Substantial knowledge—I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.▪ Moderate knowledge—I possess a sufficient knowledge level that would allow me to perform this task successfully.▪ Limited knowledge—I have some knowledge of how to perform this task, but may require additional instruction to apply my knowledge effectively.▪ No knowledge—I have no knowledge of how to perform this task or what it may entail.
	1 Recruiting, interviewing, and providing recommendations to fill vacant positions (e.g., firefighters, Communication Operators, Fire Apparatus Engineers, volunteer personnel, regional occupational programs, inmates).
	2 Requesting and/or canceling resources as needed for emergency incidents.
	3 Scheduling and issuing employee work assignments to accomplish regular station duties, special projects, and develop employee knowledge and abilities.
	4 Providing project orientation and instructions to personnel to ensure work is completed safely and properly.
	5 Performing preventative maintenance and repairs on assigned equipment.

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6	Conducting inspections of facilities, apparatus, protective equipment, and tools to ensure their appearance and working condition comply with fire department standards.
7	Writing clear and understandable reports and completing forms and logs related to incidents, facility/equipment maintenance, and training records.
8	Coordinating and conducting investigations by interviewing witnesses and analyzing evidence to determine origin and cause of incidents.
9	Documenting incident scenes (e.g., diagrams and maps, photographs) to aid in the investigation process.
10	Coordinating fire suppression activities on the ground with air attack efforts to ensure safe and effective operations.
11	Directing engine companies, fire crews, and other resources engaged in incident operations (e.g., fires, flood control, hazardous materials incidents, earthquake, medical emergency, motor vehicle accidents) to safely and effectively mitigate incidents.
12	Operating hoses and/or fire extinguishers on burning or hot areas in order to suppress and extinguish fires.
13	Carrying, dragging, and hoisting hoses around obstacles, over uneven terrain, up and down stairs, and/or up and down ladders in order to provide water for suppression, rescue, and exposure protection.
14	Carrying, maneuvering, raising, and lowering various types of ladders (e.g., straight, extension) when needed during emergency incidents and routine training activities.

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15	Operating pumps in order to ensure a flow of water for use in suppression and rescue.
16	Communicating with dispatchers and other emergency responders by operating a two-way radio while operating a vehicle.
17	Transporting personnel during adverse conditions (e.g., mountainous terrain, heavy traffic, long drives, poor visibility) to emergency incidents using department mobile equipment.
18	Performing as Incident Commander during emergency operations to coordinate and organize personnel and resources.
19	Initiating hazardous material responses by isolating and denying entry into the affected area, evacuating the public, and communicating with law enforcement and dispatch centers.
20	Documenting events during hazardous materials incidents to provide accurate information.
21	Participating in search and rescue operations (e.g., cliff rescue, confined space, water rescue, trench rescue, structural collapse) for lost or trapped persons.
22	Leading personnel in the prevention and/or control of flooding and damage to property.
23	Providing training and development to firefighters and other personnel on firefighting, medical emergencies, and rescue activities.

Section 2: Core Knowledge and Abilities

Instructions:

Using the rating scale(s) provided below, you will rate your experience in accordance to specific job-related knowledge and abilities.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

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	<ul style="list-style-type: none">• More than 5 years• More than 3 years and up to 5 years• More than 2 years and up to 3 years• More than 1 year and up to 2 years• 0 to 1 year
24	Ability to locate and determine the origin and cause of fires.
25	Knowledge of firing methods, techniques, and equipment for fire control activities.
26	Knowledge of the types, causes, character, and behavior of various types of fires.
27	Ability to recognize the characteristics of extreme fire behavior to ensure firefighter safety.
28	Knowledge of fire protection and prevention methods, equipment, and terminology.
29	Knowledge of rapid intervention crew/team tactics for firefighter safety and rescue.
30	Ability to lead a fire suppression crew during emergency incidents and work projects.
31	Knowledge of extrication techniques and equipment (e.g., hydraulic spreading/cutting tools, pneumatic tools, torches, drills, axes, jacks, blocks, air bags, stabilizing devices).
32	Ability to operate hoses and/or fire extinguishers to suppress and extinguish fire.
33	Knowledge of Rescue, Exposure, Confinement, Extinguishment, Overhaul (RECEO) with salvage and ventilation procedures to prioritize incident objectives.
34	Knowledge of the strategies and tactics (e.g., indirect, direct, combination) used to suppress various types of fires (e.g., vehicle, structure, wildland).
35	Knowledge of fuel, weather, and topography as they relate to wildland fire behavior.

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36	Knowledge of life hazard notification policies (e.g., Three Stripes You're Out, positive checkbacks) for firefighter safety.
37	Knowledge of extinguishing agents (e.g., water, foam, dry chemicals, Halon, gel) and their appropriate use in fire suppression.
38	Knowledge of hazardous material incident operations to assess situations and determine appropriate response (e.g., isolate and deny entry, turn off a valve, dam, dike, and divert).
39	Knowledge of the appropriate use, care, and inspection of Personal Protective Equipment (PPE).
40	Knowledge of the 10 Standard Firefighting Orders and 18 Situations That Shout Watch Out for wildland firefighting safety.
41	Ability to construct a fire line to limit fire spread in various fuel types and conditions.
42	Knowledge of accepted command systems (e.g., Incident Command System, National Incident Management System) for proper incident organization and structure.
43	Ability to work as a member of a team to reach a common goal and/or objective.
44	Ability to effectively communicate under stressful situations and adverse conditions.
45	Ability to prioritize, schedule, and assign employee work assignments in order to accomplish daily duties and activities.
46	Ability to manage emergency incidents in a manner consistent with law, policy, various agency agreements, and established procedures.
47	Knowledge of safety precautions and use of personal protective equipment to provide protection from communicable diseases.
48	Ability to treat a range of injuries at scene following scope of practice at the Basic Life Support (BLS) level in order to control injuries and stabilize the condition of the patient.

Section 3: Fire Captain (Paramedic) Tasks

Instructions:

Using the rating scale(s) provided below, you will rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

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	49 Determining differential diagnosis and administering appropriate treatment modality based on the patient clinical presentation utilizing the critical decision making process.
	50 Completing Patient Care Reports to document information such as chief complaints, vital signs, treatment and response, documentation of refusal of care, and health history.
	51 Administering Cardiopulmonary Resuscitation (CPR) and advanced life support to patients in cardiac arrest and respiratory failure.
	52 Administering/dispensing drugs and medication according to local, State and federal regulations.

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53	Performing advanced airway procedures to individuals having difficulty breathing or suffering respiratory arrest (e.g., multilumen airways, endotracheal intubations, Continuous Positive Airway Pressure (CPAP)).
54	Operating cardiac monitors to assist cardiac patient and restore normal heart rhythm (e.g., rhythm interpretation, cardiac pacing, pulse oximetry, capnography, cardioversion, defibrillation, 12 lead placement).
55	Administering intravenous solutions and volume-expanding agents to patients aiding in the path of delivering medications to the critically ill and injured.
56	Performing advanced procedures including needle cricothyrotomy, needle thoracostomy, and intraosseous access on critically ill and injured patients.
57	Providing continued clinically appropriate patient care during transport to receiving facilities.
58	Evaluating emergency incidents (e.g., child abuse, elder abuse, suicide, overdose) to determine whether law enforcement notification is required.
59	Directing incident personnel in mitigation of Multi Casualty Incident (MCI) or disaster as it relates to patient triage, treatment, and destination facilities (e.g., medical group supervisor, medical branch).

Section 4: Fire Captain (Paramedic) Knowledge and Abilities

Instructions:

Using the rating scale(s) provided below, you will rate your experience in accordance to specific job-related knowledge and abilities.

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60	Knowledge of patient vital signs and assessment to identify patient needs.
61	Knowledge of patient triage procedures and techniques to ensure appropriate treatment.
62	Knowledge of pharmacology as appropriate for patient care and scope of practice.
63	Ability to administer cardiovascular pulmonary resuscitation and/or standard first aid in medical emergencies.
64	Ability to administer the appropriate level of care during medical emergencies.
65	Knowledge of basic human anatomy for medical emergencies.
66	Knowledge of the proper uses and abilities of air-ambulance and rescue helicopter to ensure patients are provided proper transport to appropriate medical facilities.
67	Knowledge of decontamination techniques used to decontaminate medical equipment following incidents.
68	Ability to operate resuscitator and/or bag valve mask to individuals having difficulty breathing or suffering respiratory arrest.
69	Ability to operate cardiac monitor/defibrillator to assess and treat patients.
70	Ability to check vital signs of patient to determine whether circulation and respiration are functional and adequate.
71	Ability to treat a range of injuries at scene following scope of practice at the Advanced Life Support (ALS) level in order to control injuries and stabilize the condition of the patient.